

Human Tumor Protein P63 (TP63) ELISA Kit | TP63 elisa kit

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CATALOG #
AAA139626

REACTIVITY
Human

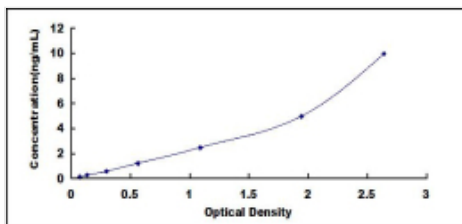
PRODUCT SYNONYMS

Tumor Protein P63 (TP63); Human Tumor Protein P63 (TP63) ELISA Kit; P63; TP73L; CUSP; EEC3; KET; LMS; OFC8; RHS; SHFM4; TP53CP; Tumor Protein p53-Competing Protein; Chronic ulcerative stomatitis protein; Keratinocyte transcription factor; TP63 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Tumor Protein P63 (TP63). No significant cross-reactivity or interference between Tumor Protein P63 (TP63) and analogues was observed.
Sequence Length	582
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Tumor Protein P63 (TP63) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Tumor Protein P63 (TP63) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TP63 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Tumor Protein P63 (TP63). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Tumor Protein P63 (TP63). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Tumor Protein P63 (TP63), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Tumor Protein P63 (TP63) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for TP63 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	169234661
NCBI GeneID	8626
NCBI Accession #	NP_001108452.1
NCBI GenBank Nucleotide #	NM_001114980.1
UniProt Accession #	Q9H3D4; O75080; O75195; O75922; O76078; Q6VEG2; Q6VEG3; Q6VEG4; Q6VFJ1; Q6VFJ2; Q6VFJ3; Q6VH20
Molecular Weight	65,288 Da
NCBI Official Full Name	tumor protein 63 isoform 4
NCBI Official Synonym Full Names	tumor protein p63
NCBI Official Symbol	TP63
NCBI Official Synonym Symbols	AIS; KET; LMS; NBP; RHS; p40; p51; p63; EEC3; OFC8; p73H; p73L; SHFM4; TP53L; TP73L; p53CP; TP53CP; B(p51A); B(p51B)
NCBI Protein Information	tumor protein 63
UniProt Protein Name	Tumor protein 63
UniProt Gene Name	TP63
UniProt Synonym Gene Names	KET; P63; P73H; P73L; TP73L; p63; CUSP; TP63; p73L
UniProt Entry Name	P63_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.